

## ASBESTOS ABATEMENT SUPERVISOR

***35 total training hours***  
*(14 hours of training is hands-on)*

### *Time Allotments*

<u>Lecture</u>	<u>Hands-on</u>	<u>Topic</u>
.15	n/a	Introduction
1.00	n/a	Background information on asbestos <ul style="list-style-type: none"><li>A. History of asbestos use, products which may contain asbestos</li><li>B. Physical characteristics of asbestos</li><li>C. Need for laboratory analysis</li></ul>
2.00	n/a	Relevant Federal, State and local regulatory requirements, procedures and standards <ul style="list-style-type: none"><li>A. Emphasis shall be directed at relevant EPA, OSHA and NJ State regulations concerning asbestos abatement employers, workers and supervisors</li><li>B. Further emphasis shall be placed upon the following:<ul style="list-style-type: none"><li>-the scope of all relevant New Jersey regulatory requirements</li><li>-the penalties imposed for violation of regulations</li></ul></li></ul>
1.00	n/a	Health effects of exposure to asbestos <ul style="list-style-type: none"><li>A. Factors affecting disease development<ul style="list-style-type: none"><li>-properties of asbestos and how it enters the body</li><li>-concentration and duration of exposure</li><li>-critical dose</li><li>-individual susceptibility</li><li>-group susceptibility</li></ul></li><li>B. Body defenses</li><li>C. Clinical signs of asbestos disease as a result of asbestos exposure</li><li>D. Asbestos-related diseases<ul style="list-style-type: none"><li>-asbestosis, lung cancer, mesothelioma and digestive system cancers</li><li>-concepts of risk</li><li>-latency</li><li>-symptoms</li><li>-diagnosis</li></ul></li><li>E. Health risk to family members</li></ul>
.30	n/a	Smoking cessation <ul style="list-style-type: none"><li>A. Effects of smoking</li><li>B. Effects of smoking cessation</li><li>C. Smoking cessation methodologies</li><li>D. Available smoking cessation resources</li></ul>
.45	n/a	Purposes and methods of asbestos monitoring and testing <ul style="list-style-type: none"><li>A. Bulk sampling</li><li>B. Personal samples</li><li>C. Area samples</li><li>D. Sampling equipment demonstration: pumps, filters, calibration</li><li>E. Interpretation of analytical results</li><li>F. OSHA regulations governing access to employee exposure and medical records</li></ul>
.30	n/a	Case studies

		A. Typical problems and corrective measures
1.30	1.30	Personal protection of the worker ( <b><u>hands-on required</u></b> ) <ul style="list-style-type: none"> <li>A. Protective clothing             <ul style="list-style-type: none"> <li>-disposable and non-disposable</li> <li>-who must wear</li> <li>-donning, removal, storage, handling and disposal</li> </ul> </li> <li>B. Other types of protective equipment             <ul style="list-style-type: none"> <li>-booties, hoods, footwear, gloves, eye protection and hard hats</li> </ul> </li> <li>C. Respiratory protection             <ul style="list-style-type: none"> <li>-purpose</li> <li>-types of respirators: characteristics and limitations, protection factors</li> <li>-choosing respirators</li> <li>-factors affecting fit</li> <li>-fit testing methods</li> <li>-donning and removal: inspection, cleaning, adjusting, storage, repair and replacement of parts</li> </ul> </li> <li>D. Hygiene practices</li> </ul>
2.00	4.00	Preparation of work area ( <b><u>hands-on required</u></b> ) <ul style="list-style-type: none"> <li>A. Occupants</li> <li>B. Furniture and equipment: cleaning and removal of movable objects; covering and sealing of stationary objects</li> <li>C. Ventilation and electric systems</li> <li>D. Flooring</li> <li>E. Enclosures: plastic sheeting for horizontal surfaces</li> <li>F. Change area</li> <li>G. Signs</li> </ul>
2.00	3.30	Asbestos abatement hazard reduction methods ( <b><u>hands-on required</u></b> ) <ul style="list-style-type: none"> <li>A. Containment and glovebag techniques</li> <li>B. Wetting and scraping</li> <li>C. Vacuum Cleaners equipped with High Efficiency Particulate Air (HEPA) filters</li> <li>D. Specialized tools</li> <li>E. Bagging asbestos debris and other housekeeping methods</li> </ul>
1.00	2.00	Proper clean-up and disposal ( <b><u>hands-on required</u></b> ) <ul style="list-style-type: none"> <li>A. Clean-up techniques and sequence of activities</li> <li>B. Disposal: bagging, drumming, storage, transport</li> </ul>
.30	n/a	Personal hygiene
1.00	2.00	Decontamination ( <b><u>hands-on required</u></b> ) <ul style="list-style-type: none"> <li>A. Decontamination areas: clean room, shower room, equipment room</li> <li>B. Direction of air flow</li> <li>C. Sequential steps</li> </ul>
1.00	n/a	Additional safety hazards <ul style="list-style-type: none"> <li>A. Heat stress</li> <li>B. Fire safety</li> <li>C. Emergency procedures to follow in the event of fire and medical emergencies and the failure of containment barriers</li> <li>D. Gas engines</li> <li>E. Slips and falls</li> <li>F. Scaffolding</li> </ul>

G. Electrical hazards including GFCIs

1.00	1.00	Respiratory protection programs and medical monitoring programs ( <b><u>hands-on required</u></b> )
		<ul style="list-style-type: none"> <li>A. Establishing a medical surveillance program</li> <li>B. Aggressive air sampling procedures</li> <li>C. Air monitoring equipment and instrumentation</li> <li>D. Sampling: purposes, types, interpretation or results</li> </ul>
1.00	n/a	Insurance and liability issues
		<ul style="list-style-type: none"> <li>A. Legal responsibilities and potential liabilities of various parties: ie. contractors, licensees, employers, employees, building owners, suppliers, etc.</li> <li>B. Insurance and bonding <ul style="list-style-type: none"> <li>-worker's compensation coverage and exclusions</li> <li>-insurance coverage and exclusions</li> <li>-third-party liability and defenses</li> </ul> </li> </ul>
1.00	n/a	Recordkeeping for asbestos abatement projects
		<ul style="list-style-type: none"> <li>A. Federal, State and local recordkeeping requirements</li> <li>B. Records recommended for legal and insurance purposes</li> </ul>
.45	n/a	Supervisory techniques for asbestos abatement activities
.45	n/a	Contract specifications
		A. Key elements of contract specifications
.30	n/a	Review and course evaluation
1.00	n/a	Written Examination
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21 hrs.	14 hrs.	